

Listing of Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Claim 1 (currently amended): A digital camera comprising:

an optical system which includes at least one lens to optically process light from a source;

an optoelectric converter which converts the light from the optical system into an analog image signal;

an analog-to-digital converter which converts the analog image signal of the optoelectric converter into a digital image signal;

a digital signal processor which processes the digital image signal from the analog-to-digital converter; and

a communication interface for a portable phone digital device, the portable phone digital device including a user input unit, a display device, and a ~~controller~~, controller; and

a slot into which the portable phone is inserted such that the communication interface is connected to a communication interface of the portable phone when the portable phone is inserted into the slot,

wherein a digital image signal of the digital signal processor is displayed on the display device of the portable phone digital device, and

wherein a user input signal input through the user input unit of the portable phone digital device is processed by the digital signal ~~processor~~, processor, and

wherein the digital image signal of the digital signal processor is input to the controller of the portable phone through the communication interface and is controlled by the controller of the portable phone to be input to and displayed on the display device of the portable phone.

Claim 2 (canceled)

Claim 3 (currently amended): The digital camera of claim 1, wherein the user input signal is input through the user input unit of the portable phone digital device to the controller of the portable phone digital device, transmitted to the digital signal processor through the communication interface, and processed by the digital signal processor.

Claim 4 (canceled)

Claim 5 (original): The digital camera of claim 1, wherein the communication interface is a wireless communication interface.

Claim 6 (original): The digital camera of claim 1, further comprising a means for storing digital data.

Claim 7 (currently amended): The digital camera of claim 6, wherein the digital camera stores an audio signal input through a microphone of the portable phone ~~digital device~~.

Claim 8 (original): The digital camera of claim 6, wherein the storing means is a memory card.

Claim 9 (currently amended): The digital camera of claim 1, wherein the portable phone ~~digital device~~ is able to operate the digital camera.

Claim 10 (currently amended): A digital camera and portable phone ~~digital device~~ system comprising:

- an optical system which includes at least one lens to optically process light from a source;

- an optoelectric converter which converts the light from the optical system into an analog image signal;

- an analog-to-digital converter which converts the analog image signal of the optoelectric converter into a digital image signal;

- a digital signal processor which processes the digital image signal from the analog-to-digital converter;

- a communication interface for a portable phone ~~digital device~~;

- a user input unit;

- a display device;

- a controller; and

- a communication interface for a digital camera,

wherein a digital image signal of the digital camera is displayed on the display device, and a user input signal input through the user input unit is processed by the digital camera, ~~camera~~.

In re Application of Ohmori et al.
Application No. 10/747,998
Response to Office Action of March 21, 2007

and wherein the digital image signal of the digital camera is input to the controller through the communication interface and is controlled by the controller to be input to and displayed on the display device,

and wherein the portable phone is inserted into a slot of the digital camera so that the communication interface is connected to a communication interface of the digital camera.

Claim 11 (canceled)

Claim 12 (original): The system of claim 10, wherein the user input signal is input through the user input unit to the controller and transmitted from the controller to the digital camera through the communication interface.

Claim 13 (canceled)

Claim 14 (original): The system of claim 10, wherein the communication interfaces are wireless communication interfaces.

Claim 15 (currently amended): The system of claim 10, wherein the portable phone ~~digital device~~ reproduces an audio signal stored in the digital camera.

Claim 16 (currently amended): The system of claim 10, wherein the portable phone ~~digital device~~ reproduces an audio signal detected by the digital camera.

Claim 17 (currently amended): The system of claim 10, wherein a user can use the portable phone ~~digital device~~ to operate the digital camera.